Click “Renewable Energies Websites” on my website to find links for this assignment.

**mysusthouse** – (My sustainable house) Start by clicking the “Introduction”. Once you have heard it, move on to the “Environment game”, then the “Building game”, then “Town game.” (Hint: click the “I” button for information to help you make better choices and boost your score.

1. What is sustainability?

2. Play the environment game, and list your score from each category below:
   
   * energy ______
   * waste ______
   * water ______
   * bonus ______
   
   total ______

3. Play the building game, and list your score from each category below:

   * sustainability ______
   * budget ______
   * bonus ______
   
   total ______

4. Play the town game. What was your overall sustainability rating?

5. What are 3 things you learned from playing these games?

**EfficienCity** - Click on each zone of the city (east, south & west). Your job is to identify 3 green/renewable energy solutions from each zone. Explain each with complete sentences.

**South**

1.

2.

3.

**East**

1.

2.

3.
Energy Quiz
1. What are fossil fuels?
2. What does the word “petroleum” literally mean?
3. What percent of the world’s energy comes from fossil fuels?
4. What is coal made from? How long does it take for coal to be made?

Wonderville Explain each of the alternate energy options. Explain where they are best used and how they generate power and electricity.

Tidal:
Wind:
Solar:
Geothermal:
Hydroelectric:

Which of these types would be best suited to use in Minnesota? Explain.

Waste Avengers
1. How long does it take for a paper towel to break down?
2. How long does it take for a plastic bottle to biodegrade?
3. How long does it take for an apple to break down?

The Great Green Game Identify 3 things you learned while playing this game:
1. 
2. 
3. 

Play any of the other remaining games. Write down 3 things you have learned about energy.